RESOURCE
2.0

LESSON 2 OUTLINE

Lesson 2
I Pledge

You will need:

- **RESOURCE 2.1**
  I Pledge sheets - one per child
- **RESOURCES 2.2 - 2.3**
  Saving Energy Factsheets
  - enough per group/child
- Costing the Earth Interactive click-on activity (you will need computers for this or it can be done as a class using a whiteboard)

Lesson Outcomes

Children will:

- Recall some ways in which energy is wasted at home.
- Choose some ways they will pledge to save energy.
- Identify some benefits of saving energy include that they have saved money.

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Take the quiz here

Lesson Structure

Starter Activity

- Children recall from memory some ways in which energy is wasted at home.

Main Activity

- Using the Costing the Earth interactive click-on scenes of Debbie Clayton's house explore the kitchen and living room with the whole class.
- Explain/revisit each energy-saving opportunity to ensure the children understand each item's value.
- Review what has been discussed using the Saving Energy Factsheets.
- Hand out the I Pledge activity sheet and explain what a pledge is.
- Ask the children to work in small groups or pairs to discuss the suggestions on the sheet and tick which ones they pledge they will be able to do in their own home.
- Ask them to add to the list their own energy-saving ideas.
- Encourage each child/pair/group to share their ideas with the whole class and add any new ideas to their own pledge sheet.
- In addition, produce an energy-saving pledge list for the school and display it in the classroom or the school notice board to encourage a whole school approach. Maybe present it as an assembly and encourage other classes to pledge too. *(This activity can make useful links with the school council.)*

Plenary Activity

- Invite children to share 1 – 3 examples of how they could show their family how to reduce the energy they waste at home. Children can role-play how they might explain this to a parent, guardian or sibling, to help do this in a positive, constructive way.

Extend: Mathematics

- Children present information from complete pledge sheets as bar graphs or pictograms.
- They gather information from a group of pledge sheets and construct a bar chart or pictogram where the symbol represents a group of units.

Extend: English

- Write to the school governors to persuade the school to implement new 'green' measures e.g.: recycling bins.

Working Together: Activities to Explore at Home

Ask the children to take their I Pledge sheet and the Saving Energy Factsheets home and discuss with their family. Encourage them to consult family members and ask them to add any new ideas and help them to keep a record of how well they do by scoring in the score box provided.

After an agreed period, for example, 1 week, ask the children to bring their completed pledge sheets back to school. Discuss the outcomes with the children. How well did they do? Did family members help? Did it change the way the child or family thinks about saving energy at home?

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RESOURCE 2.1

I PLEDGE SHEET

Energy-saving pledge	Tally (how many times you did it)
☐ Turn the light switch off	
☐ Put on a jumper to keep warm	
☐ Close door to keep the room warm	
☐ Take less time in the shower	
☐ Put less water in the bath	
☐ Turn plugs off when not in use	
☐ Turn light switch off	
☐ Add your idea.	
☐ Add your idea.	



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FACTSHEET: ENERGY-SAVING TIPS



Energy-Saving Tips

- Dry clothes on the line, not the radiator. Avoid using the tumble drier where possible.
- Turn off plugs when not in use. Leaving things on standby uses energy.
- Boil a kettle with only as much water as you need.
- Wash clothes at a lower temperature (30 degrees) and try to make sure the washing machine is full.
- Don't leave the hot tap dripping.
- Use energy-saving light bulbs.
- Try not to leave the fridge door open.
- Defrost the freezer regularly.
- Cover pots and pans when cooking, they will boil a lot quicker.
- Cook several different things on one ring using a steamer.
- Turn central heating down by one degree and put a jumper on.
- Close doors to prevent losing heat from the room.

Useful website for energy-saving tips
www.direct.gov.uk



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FACTSHEET: ENERGY-SAVING TIPS

Household Item	Average Cost Per Week
Fridge Freezer	£0.50
Dishwasher (1 wash per day)	£1.00
TV	£1.40
DVD player	£0.50
Cable/satellite TV box	£0.50
Computer	£0.35
Electric fire (on all evening)	£23.00
Shower (one per day)	£3.30
Vacuum cleaner	£0.50
Gas fire (on all evening)	£5.60
Central heating 5 hrs a day	£15.50
Boiling a full kettle (6 times a day)	£0.85

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